

IN THE SPECIFICATION:

Please substitute the following for the first paragraph of the specification at page 1:

The present application is a continuation of U.S. application Serial No. 09/377,907, filed August 20, 1999, which claims the benefit of U.S. provisional application Serial Number 60/097,708, filed August 21, 1998.

At page 3, substitute the following paragraph at lines 13-19:

~~Figure 4A and 4B~~ **Figures 4A-4D (Table 1).** Cellular mRNAs whose levels change by a factor of four or more after infection with HCMV. Identity of columns from left to right: GenBank accession number; name of gene encoding mRNA; time(s) after infection when a change in mRNA level was observed plus fold change; increase (U) or decrease (D) in steady state level of RNA; gene chip results confirmed in this report by northern blot (1), confirmed by another literature report (2), not confirmed (3).

At page 38, substitute the following paragraph at lines 3-21:

Sample preparation and analysis with DNA arrays. Biotinylated single-stranded antisense RNA samples for hybridization were prepared as described (15) with minor modifications. Total cellular RNA was prepared using the TRIZOL Reagent (GibcoBRL), polyadenylated RNA was isolated, and portions (5 µg) were used as the template for the first strand cDNA synthesis in a reaction that was primed with oligo (dT) containing a T7 RNA polymerase promoter sequence at its 5' end [5'-GGCCAGTGAATTGTAATACGACTCACTATAGGGAGGCGG(T)₂₄-3'](SEQ ID NO: 1). The second cDNA strand was synthesized using *E. coli* DNA polymerase I and ligase. The resulting cDNA (0.5-1 µg) was used as template to make a biotinylated RNA probe by *in vitro* transcription using the T7 Megascript System (Ambion).

Unincorporated nucleotides were removed using a G-50 Quick Spin Column (Boehringer Mannheim). The labeled RNA was fragmented to an average size of 50-100 bases by incubating at 94°C for 30 min in buffer containing 40 mM Tris-Ac, pH8.1, 100 mM KOAc, and 30 mM MgOAc. The hybridization (15 h), washing and staining protocols were as described (15), and employed a set of four human gene chips (HUM6000 A, B, C and D, Affymetrix). The DNA arrays were scanned using a confocal scanner manufactured for Affymetrix by Molecular Dynamics.

Please add the enclosed sequence listing to the end of the application.